GOVERNMENT OF INDIA
MINES
LOK SABHA

UNSTARRED QUESTION NO:4554
ANSWERED ON:08.05.2007
GSI SURVEY
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Will the Minister of MINES be pleased to state:

(a) the comparative details of the target set for survey work and the work accomplished by the Geological Survey of India (GSI) during the last three years;

(b) whether new mineral reserves have been identified during the surveys;

(c) if so, the details thereof, State-wise;

(d) the problems being faced in commercial exploitation of available minerals in Rajasthan; and

(e) if so, the details thereof ?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF MINES (SHRI SIS RAM OLA)

(a) : The details of target set and work accomplished for survey work carried out by Geological Survey of India (GSI) during the last three years is given below:

Target vs. Achievement for the various survey work carried out by GSI for the last three years

Type of Survey	F.Y. 2004-05		F.Y. 2005-06		F.Y. 2006-07	
	Target	Achievement.	Target	Achievement.	Target	Achievement.
a) Ground Survey						
Systematic Geological Mapping (sq.km) (scale 1:50,000)	360	300	420	550	570	590
Spl. Thematic Mapping (sq.km.)(scale 1:25,000)	6599.20	6510.50	11549.80	10730	8341	8043
Geochemical Mapping (sq.km)(scale 1:50,000)	22731.60	25677.50	23858.60	23848.30	26015.60	24215
Geophysical Mapping (sq.km) (scale 1:50,000)	16304	16253.50	16054	17863	18012.05	16803
Large Scale Mapping (sq.km) (scale 1:10,000-25,000)	922.14	1041.05	1076.14	1283.92	1508.88	1393.55
Detailed Mapping (sq.km) (scale 1:<10000)	27.24	34.77	32.96	28.84	26.88	31.96

Drilling(metre) 87129.44 82209.86 85501.43 83708.41 84236.38 70425.55

b) Aerial Survey

Multisensor / Aeromagnetic Survey (with Twin Otter)(lkm) 28000 20926 28407 32481 28062 28777

(b) & (c) : GSI estimates mineral resources on the basis of regional surveys. New mineral resources identified during these surveys are given below:

Gold Ore

Rajasthan :

3.22 million tonnes of gold ore with 2.36 g/t. gold in Bhukia East Block.

11.207 million tonnes of gold ore with 2.10 g/t. gold in Bhukia East Central Block.

2.46 million tonnes of gold ore with 1.83g/t. gold in Bhukia North Central Block.

2.59 million tonnes of gold ore with 1.50 g/t. gold in Bhukia South Central Block.

3.33 million tonnes of gold ore with 1.50 g/t. gold in Timran Mata West Block.

3.6 million tonnes of gold ore with 2.30 g/t. gold in Timran Mata East Block.

12.896 million tonnes of gold ore with 1.65 g/t. gold in Delwara Block.

Jharkhand :

0.40 million tonnes of gold ore with 3.1 g/t. gold in Parasi area, Ranchi.

1.11 million tonnes of gold ore with 2.24 g/t. gold in Parasi area, Ranchi.

0.25 million tonnes of gold ore with 3.85 g/t. gold in Pahardia area, Singhbhum(West)

0.33 million tonnes of gold ore with 3.65 g/t. gold in Pahardia area, Singhbhum(West)

Karnataka:

0.293 million tonnes of gold ore with 2.0 g/t. gold in Ajjanahalli East Block, Tumkur.

Platinum Group of Metals(PGM) :

0.294 million tonnes of PGM ore with average grade of 1.79 ppm in Hanumalapura Block, Davangere district, Karnataka.

Basemetals:

3.2 million tonnes of copper-gold ore with 1.56 ppm gold and 1.09% copper in Dhani Basri area, Dausa district, Rajasthan.

Manganese :

5.962 million tonnes of ore with averge grade of 27% manganese in Pacheri-Lasarda sector, Keonjhar district, Orissa.

Iron Ore :

20.42 million tonnes of iron ore in Sundargarh district, Orissa.

Coal & Lignite :

Coal resource augmented by 2228.75 million tonnes in the states of West Bengal, Jharkhand, Orissa, Madhya Pradesh, Chhattisgarh, Maharashtra and Andhra Pradesh. Lignite resources augmented by 417.59 million tonnes in the states of Tamil Nadu and Rajasthan(upto June 2006).

Clay :

1.9 million tonnes of sedimentary clay and 1.93 million tonnes of residual clay estimated from Klayikode block, Kasargod district, Kerala.

Limestone :

395.86 million tonnes in Larket Block, Jaintia Hills, Meghalaya

11.59 million tonnes in Jalaphet Block, Jaintia Hills, Meghalaya.

531 million tonnes in Lumshortoh and Um-Maju blocks, Jaintia Hills, Meghalaya

48.33 million tonnes in Vridhhachalam sub-basin, Tamil Nadu.

Graphite :

1.08 million tonnes of graphite in Sivaganga graphite belt, Tamil Nadu.

(d) & (e) : As per Directorate of Geology and Mining(DGM), Rajasthan, problems are being faced in commercial exploitation of minerals occurring in forest, charagah and khatedari lands. Court decisions on Aravalli Range, environment and tribal belts besides complex procedures for obtaining various clearances before starting such ventures are other constraints.